

# GUIDANCE DOCUMENT

Land Use: Cropland C-H

Cooperator: R. Wright

Tract No.: 102

Date: June 2002

Field No.: 3

Acres: 65

Selected Treatment Level (circle one):  
RMS; Resource Concern; Practice

Soil: Duffield Silt Loam

T= 3 t/ac

Assisted By: RDH

## RESOURCE CONCERNS

Benchmark	Soil	Water	Plants	Animals	Air
Conservation Crop Rotation (328) 4C 4H  Soil Compacted at 6" Depth  Sinkholes in Field  Applies 450lbs. 19-19-19 on corn  Corn Yield 95-110bu	Compaction	Potential Loss of Herbicides in Runoff	Yields Less than Potential	N/A	N/A

# EFFECTS GUIDANCE DOCUMENT FOR ALTERNATIVE RESOURCE CONCERN

## RESOURCE CONCERNS

Alternative #1	Soil	Water	Plants	Animals	Air
	Compaction	Groundwater Herbicides	Low Yield	N/A	N/A
Conservation Crop Rotation (328)	+2	---	+4		
Cover Crop (340)	+2	---	+1		
Residue Management No-Till (329A)	+5	+2	+2		
Buffer 50' (393) Around Sinkhole	---	+4	---		
Nutrient Management (590)	---	---	+4		
<b>TOTAL:</b>	<b>+9</b>	<b>+6</b>	<b>+11</b>		
Alternative #2					
Conservation Crop Rotation (328)	+2	---	+4		
Pest Management (595)	---	+5	---		
Nutrient Management (590)	+1	---	+4		
Residue Management, Seasonal (344)	+2	---	---		
<b>TOTAL:</b>	<b>+5</b>	<b>+5</b>	<b>+8</b>		WV-FOTG, Section III